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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/007,268 01/14/98 LOWE,

J PC7981C

EXAMINER

HM22/0318

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DELAEROIX MUIRHEI C

ART UNIT

PAPER NUMBER

1654

DATE MAILED:

03/18/99

Please find below and/or attached an Office communication concerning this application or  
pr ceeding.

Commissioner of Patents and Trademarks

# Office Action Summary

Application No.

09/007,268

Applicant(s)

Lowe

Examiner

C. Delacruz-M

Group Art Unit

1654

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 30 days ~~MONTH(S)~~ FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

## Status

- ☐ Responsive to communication(s) filed on \_\_\_\_\_.
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 1.1; 453 O.G. 213.

## Disposition of Claims

- ☐ Claim(s) 1-32 is/are pending in the application.
- ☐ Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- ☐ Claim(s) 1-32 are subject to restriction or election requirement.

## Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
  - ☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been received.
  - ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.
  - ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

\*Certified copies not received: \_\_\_\_\_

## Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_
- ☐ Interview Summary, PTO-413
- ☐ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Other \_\_\_\_\_

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## DETAILED ACTION

### *Election/Restriction*

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
  - I. Claims 1- 26, 28, 30 drawn to compounds, wherein "Q" is II, III, IV, V, VI, classified in class 540, subclass 546+.
  - II. Claims 1-26, 28, 30 drawn to compounds, wherein "Q" is VII and which may be a 4-9 membered ring, classified in class 548, subclass 1+.
  - III. Claims 1-26, 28, 30 drawn to compounds wherein "Q" is VIII, classified in class 546, subclass 1+.
  - IV. Claim 32, drawn to intermediates classified in class 546 , subclass 223+.
  - V. Claims 27, 29, 31 drawn to method of using the claimed compounds, classified in class 514, subclass 300+
2. The inventions are distinct, each from the other because of the following reasons: Groups I, II, III and IV are distinct because the disclosed compounds are structurally and chemically distinct and one compound would not suggest substitution with the other. The method claims are distinct because the claimed diseases may be treated using other known pharmaceutical agents.
3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
4. This application contains claims directed to the following patentably distinct species of the claimed invention: in Group I, species II, III, IV, V and VI; in Group II, species wherein the ring may be a 4-9 membered ring; Group III, wherein x , y and z are as defined. Applicant is required to elect a single species within a group, for example, if Group II is elected then Applicant may further elect the species where "X" in the ring structure is (CH<sub>2</sub>)<sub>3</sub> or if Group I is elected

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then a further election of species where "Q" is IV is required, or, if Group III is elected, then Applicant may further elect a species where "x"=1, "y"=0 and "z"=three. Please note that these are just examples.

With respect to Group V, Applicant must elect a single method of use which will be searched with the elected compound.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

5. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(l).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cybille Delacroix-Muirheid whose telephone number is (703) 306-3227.

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CDM

March 15, 1999



Cecilia J. Tsang  
Supervisory Patent Examiner  
Technology Center 1600